

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

Name Revere Golf Club City Henderson State NV

Independent Consultant Soil and Water Consulting Date 4/3/2017

Sample Location		LEXINGTON COURSE	TEE 1		FWY 1		GREEN 1
Sample Identification							
Lab Number			0691-1		0692-1		0693-1
Total Exchange Capacity (ME/100 g)			15.39		53.95		12.16
pH (H ₂ O 1:1)			7.3		^a 7.6		^a 7.8
Organic Matter (360°C LOI) %			3.64		5.21		2.26
Estimated Nitrogen Release lb/A			86		101		65
ANIONS	SOLUBLE SULFUR*	ppm	74		5337		111
	PHOSPHORUS						
	MEHLICH III	lb/A P as P ₂ O ₅ ppm of P					
	BRAY II	lb/A P as P ₂ O ₅ ppm of P					
EXCHANGEABLE CATIONS	OLSEN	lb/A P as P ₂ O ₅ ppm of P	128 28		115 25		27 6
	CALCIUM*	lb/A ppm	3918 1959		18232 9116		2824 1412
	MAGNESIUM*	lb/A ppm	464 232		530 265		238 119
	POTASSIUM*	lb/A ppm	914 457		1138 569		1462 731
	SODIUM*	lb/A ppm	854 427		1220 610		826 413
BASE SATURATION PERCENT							
	Calcium	%	63.65		84.49		58.06
	Magnesium	%	12.56		4.09		8.16
	Potassium	%	7.61		2.70		15.41
	Sodium	%	12.06		4.92		14.77
	Other Bases	%	4.10		3.80		3.60
	Hydrogen	%	0.00		0.00		0.00
EXTRACTABLE MINORS							
	Boron M3 (ppm)						
	Iron** (ppm)		30		21		12
	Manganese** (ppm)		2		2		1
	Copper** (ppm)		1.37		0.97		0.62
	Zinc** (ppm)		8.03		5.32		9.37
	Aluminum (ppm)						
OTHER TESTS	Soluble Salts (mmhos/cm)						
	Chlorides (ppm)						

a - alkaline soil

* Ammonium Acetate Extractable (pH of 8.1)

** DTPA Extractable